

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031789.D
 Acq On : 27 Dec 2017 9:00
 Operator : SJ/JU
 Sample : I7009-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121917-TIDO-F-D-B

Quant Time: Dec 27 10:09:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

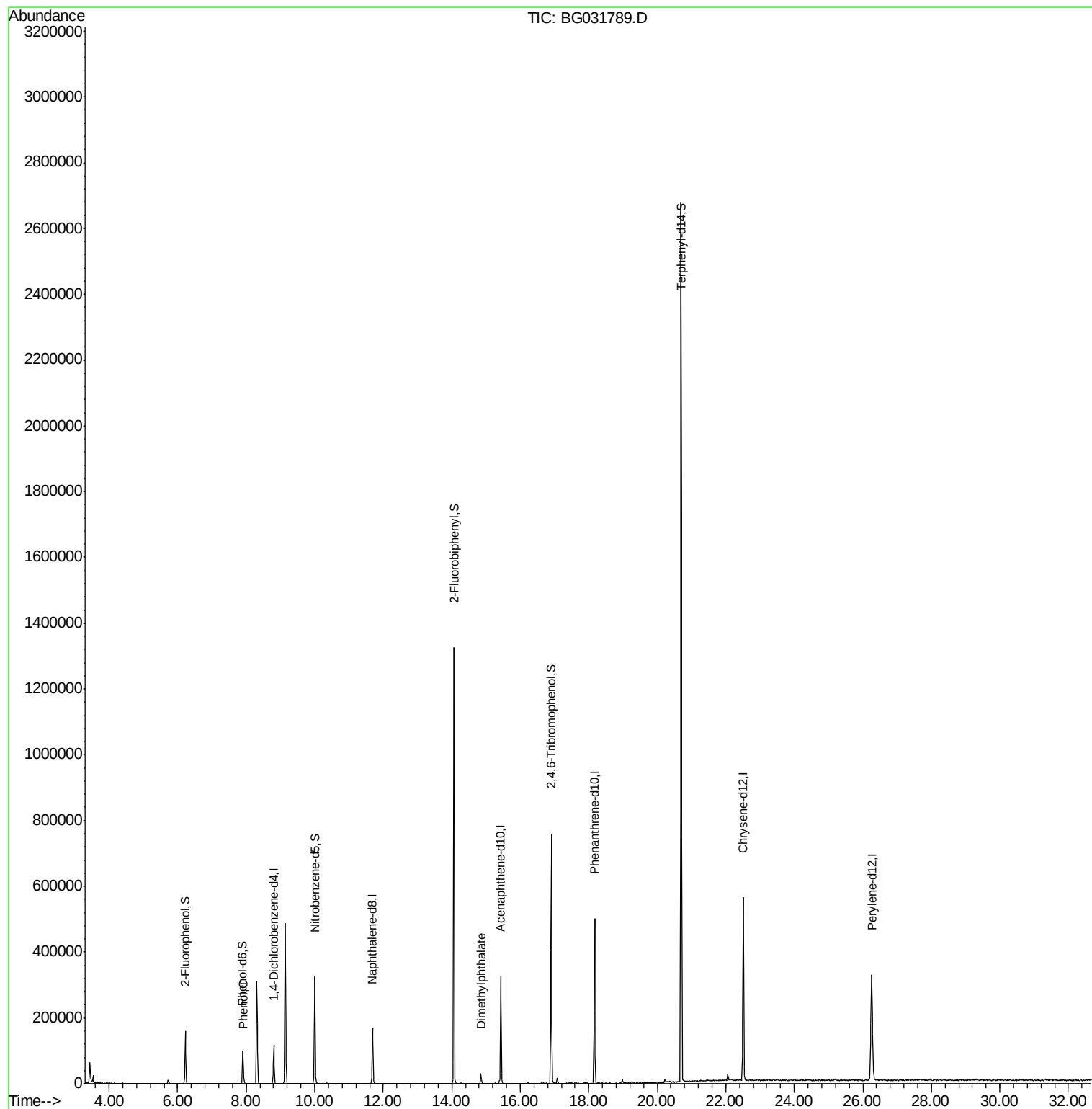
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	42002	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	173322	20.00	ng	-0.04
38) Acenaphthene-d10	15.44	164	129333	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	350593	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	420981	20.00	ng	-0.06
86) Perylene-d12	26.26	264	446135	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	87029	37.74	ng	-0.03
7) Phenol-d6	7.90	99	71332	23.82	ng	-0.03
23) Nitrobenzene-d5	10.00	82	207305	90.32	ng	-0.04
41) 2,4,6-Tribromophenol	16.90	330	185648	94.07	ng	-0.04
44) 2-Fluorobiphenyl	14.07	172	832974	80.84	ng	-0.03
78) Terphenyl-d14	20.69	244	1542444	83.71	ng	-0.04
Target Compounds						
10) Phenol	7.93	94	7932	2.624	ng	88
49) Dimethylphthalate	14.86	163	25363	2.226	ng	# 94

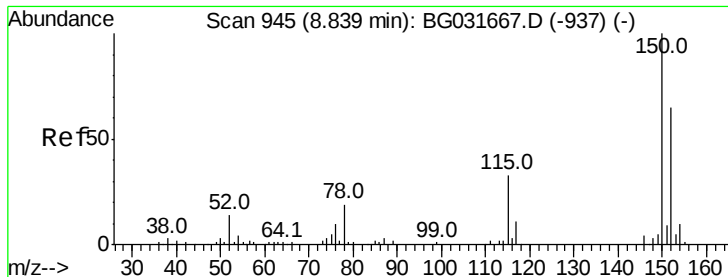
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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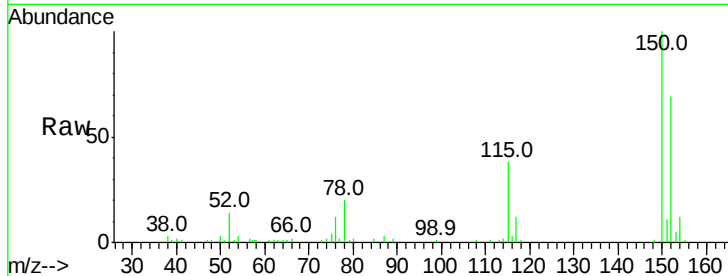


#1

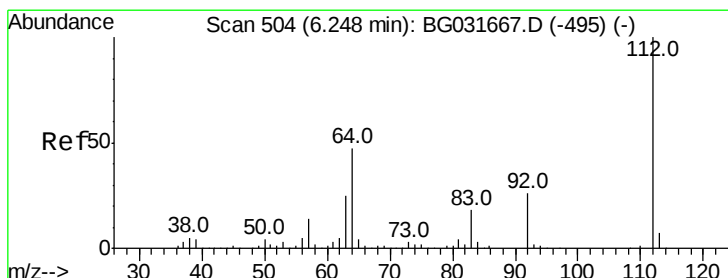
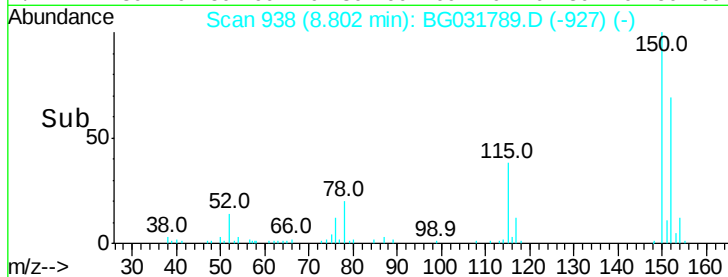
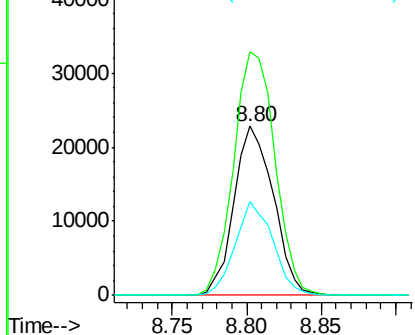
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.80 min Scan# 938
 Delta R.T. -0.04 min
 Lab File: BG031789.D
 Acq: 27 Dec 2017 9:00

Instrument :
 BNA_G
 ClientSampleId :
 121917-TIDO-F-D-B

Tot Ion:152 Resp: 42002
 Ion Ratio Lower Upper
 152 100
 150 144.3 126.6 189.8
 115 55.2 53.0 79.4



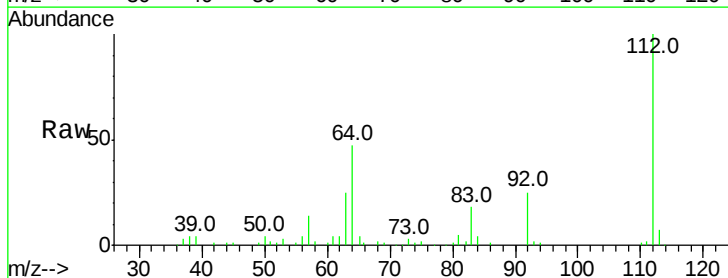
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



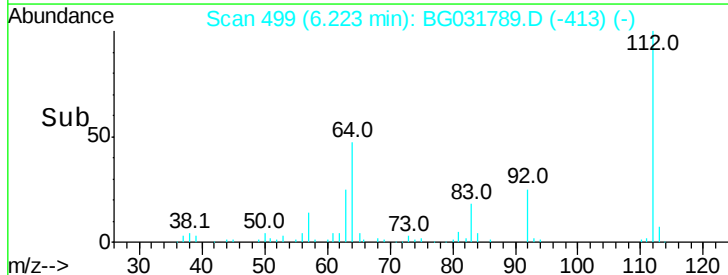
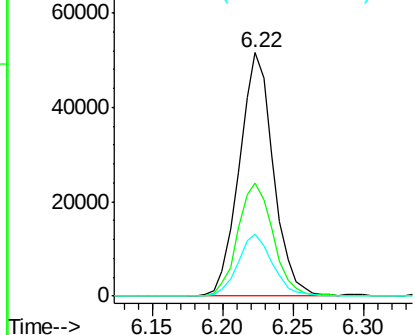
#5

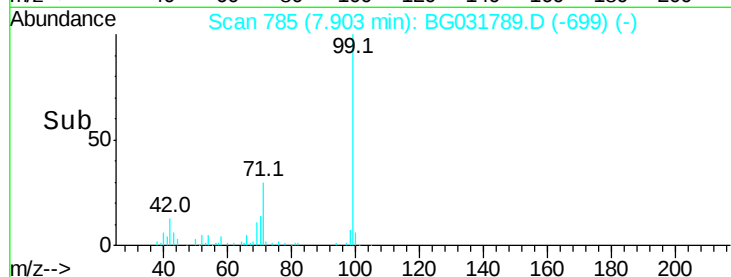
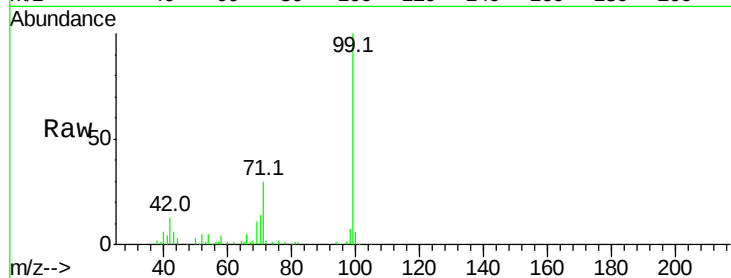
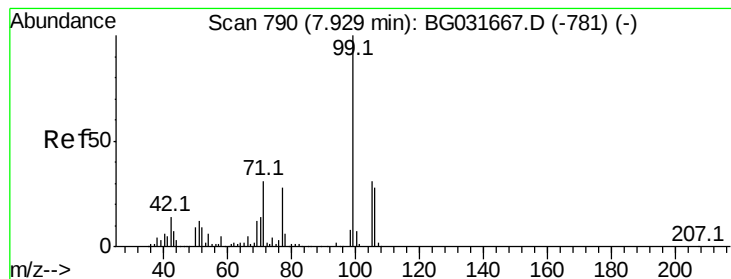
2-Fluorophenol
 Concen: 37.739 ng
 RT: 6.22 min Scan# 499
 Delta R.T. -0.03 min
 Lab File: BG031789.D
 Acq: 27 Dec 2017 9:00

Tgt Ion:112 Resp: 87029
 Ion Ratio Lower Upper
 112 100
 64 46.5 56.3 84.5#
 63 25.4 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 23.825 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031789.D

Acq: 27 Dec 2017 9:00

Instrument :

BNA_G

ClientSampleId :

121917-TIDO-F-D-B

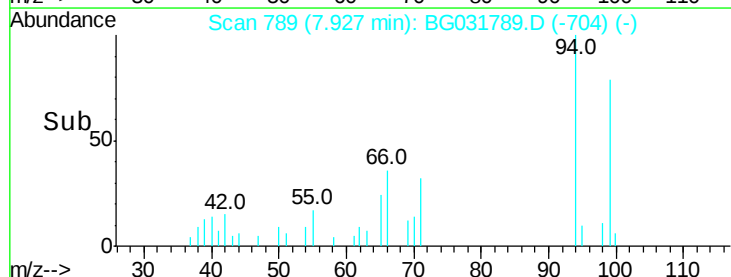
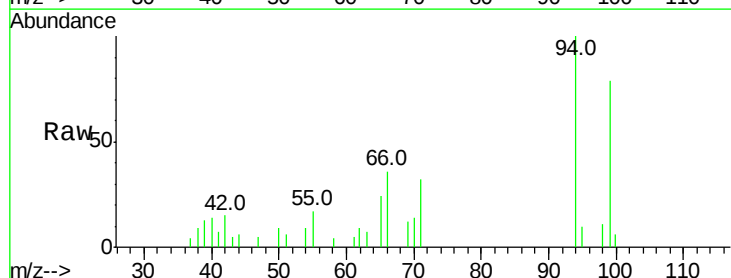
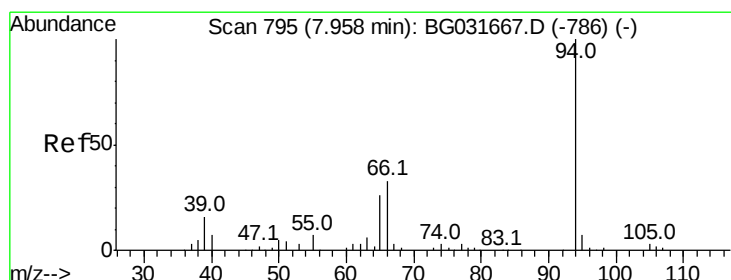
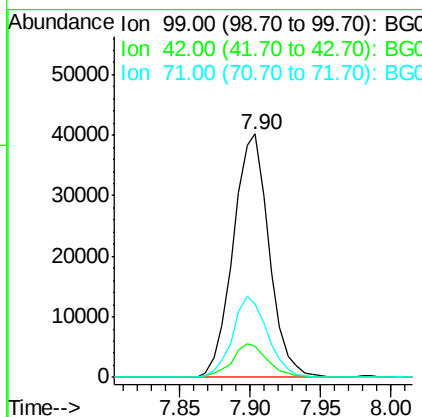
Tot Ion: 99 Resp: 71332

Ion Ratio Lower Upper

99 100

42 12.9 14.1 21.1#

71 30.1 26.1 39.1



#10

Phenol

Concen: 2.624 ng

RT: 7.93 min Scan# 789

Delta R.T. -0.03 min

Lab File: BG031789.D

Acq: 27 Dec 2017 9:00

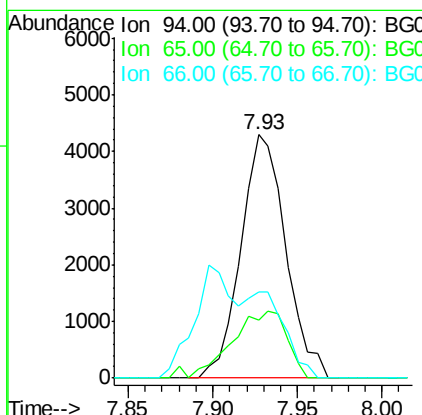
Tgt Ion: 94 Resp: 7932

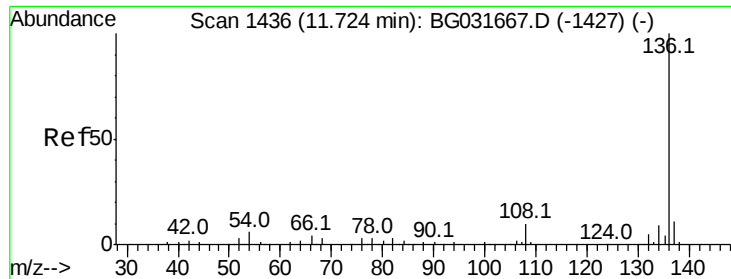
Ion Ratio Lower Upper

94 100

65 23.7 11.9 51.9

66 35.5 22.2 62.2

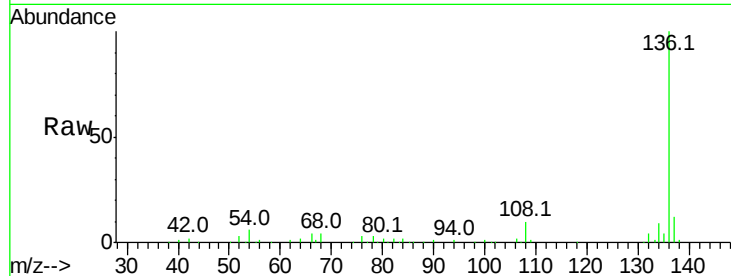




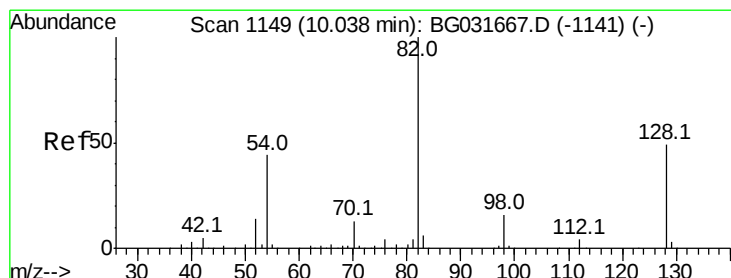
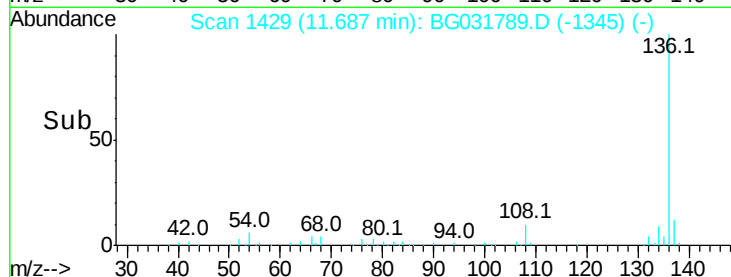
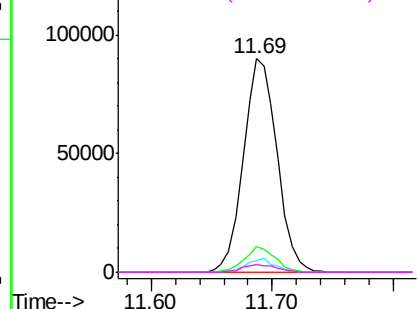
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1429
Delta R.T. -0.04 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Instrument :
BNA_G
ClientSampleId :
121917-TIDO-F-D-B

Tot Ion:	136	Resp:	173322
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	5.6	10.3	15.5#
68	3.9	4.5	6.7#

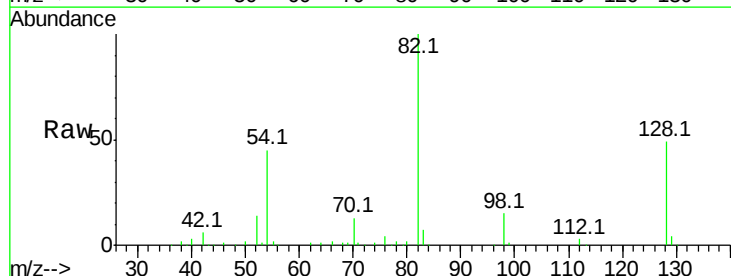


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

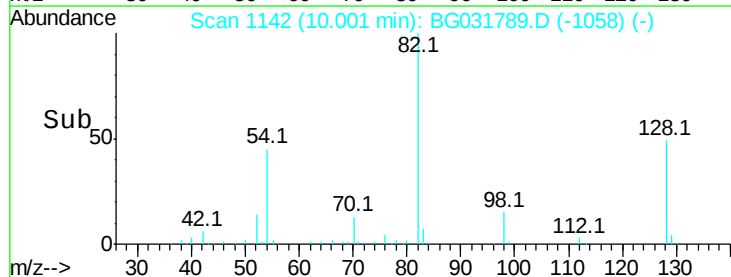
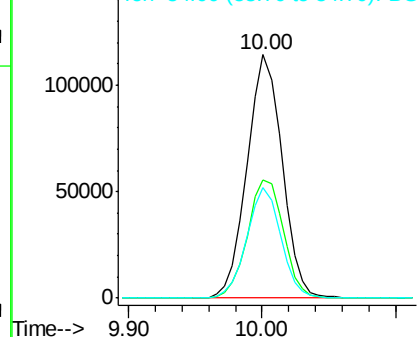


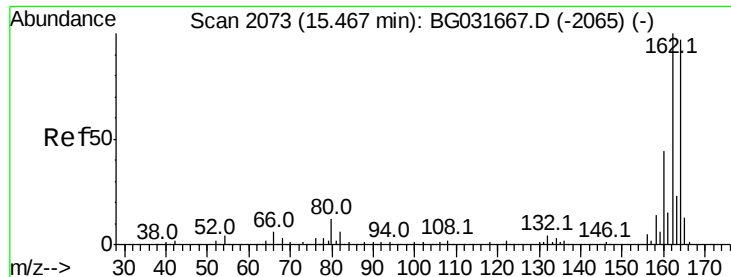
#23
Nitrobenzene-d5
Concen: 90.318 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Tgt Ion:	82	Resp:	207305
Ion	Ratio	Lower	Upper
82	100		
128	48.5	29.7	44.5#
54	45.1	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.44 min Scan# 2067

Delta R.T. -0.03 min

Lab File: BG031789.D

Acq: 27 Dec 2017 9:00

Instrument :

BNA_G

ClientSampleId :

121917-TIDO-F-D-B

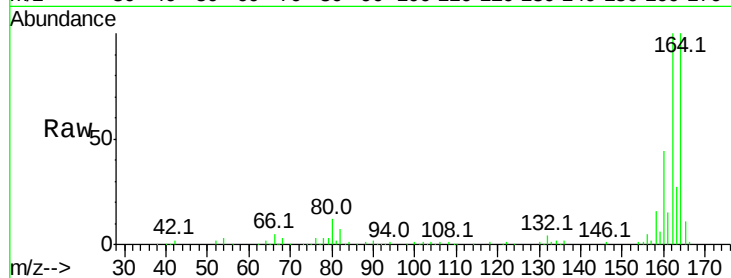
Tot Ion:164 Resp: 129333

Ion Ratio Lower Upper

164 100

162 100.4 78.8 118.2

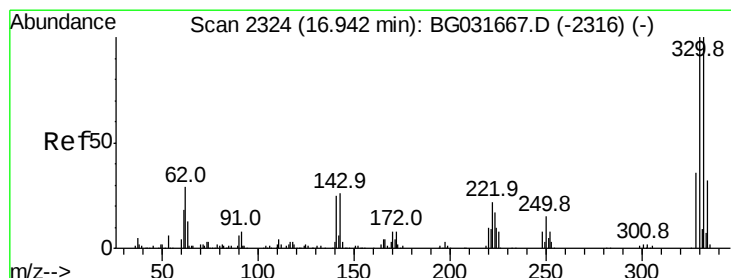
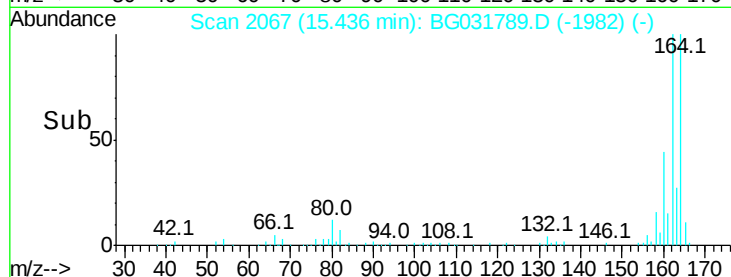
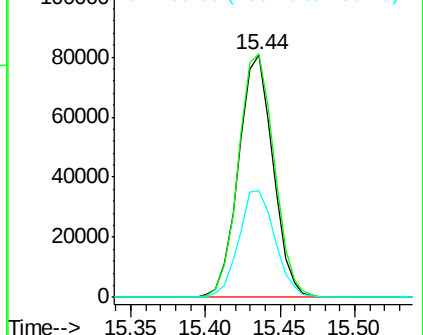
160 43.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 94.073 ng

RT: 16.90 min Scan# 2317

Delta R.T. -0.04 min

Lab File: BG031789.D

Acq: 27 Dec 2017 9:00

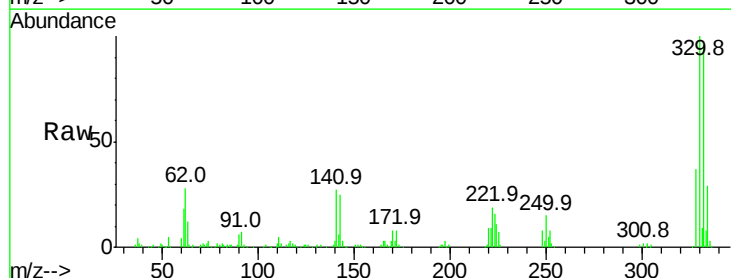
Tgt Ion:330 Resp: 185648

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

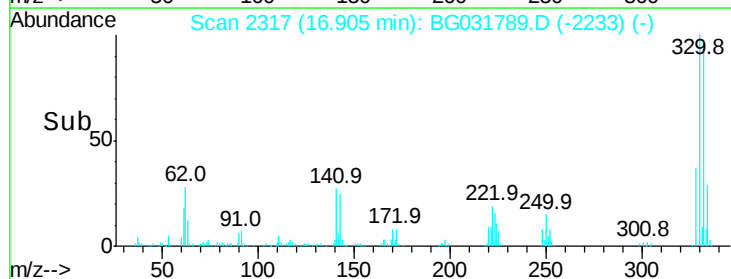
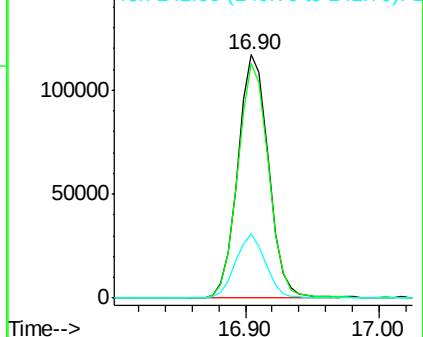
141 26.1 25.2 37.8

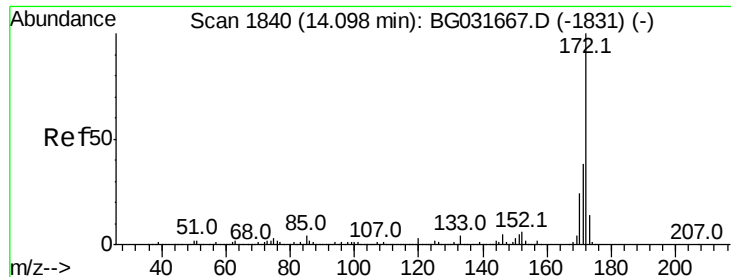


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

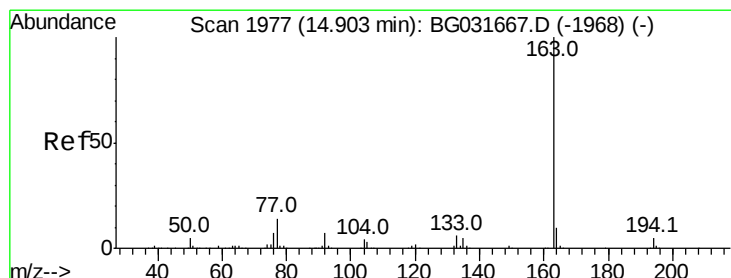
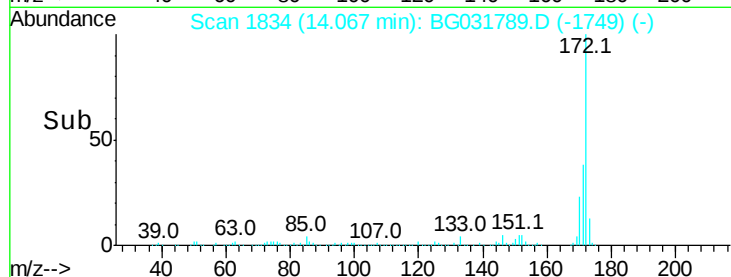
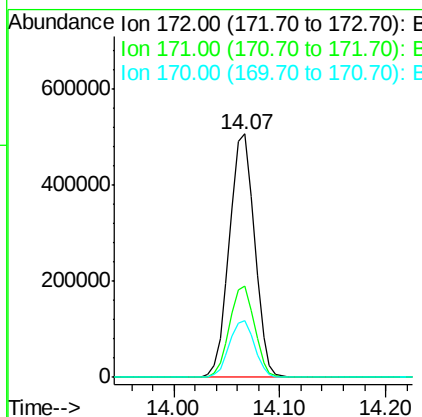
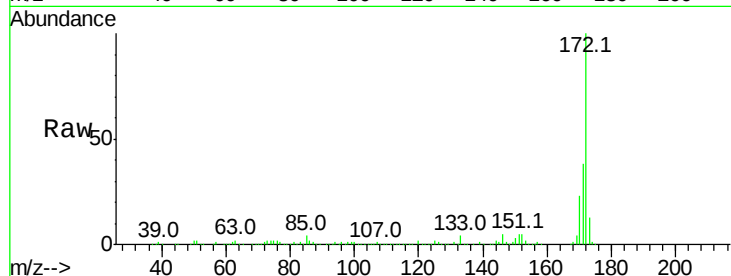




#44
2-Fluorobiphenyl
Concen: 80.837 ng
RT: 14.07 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

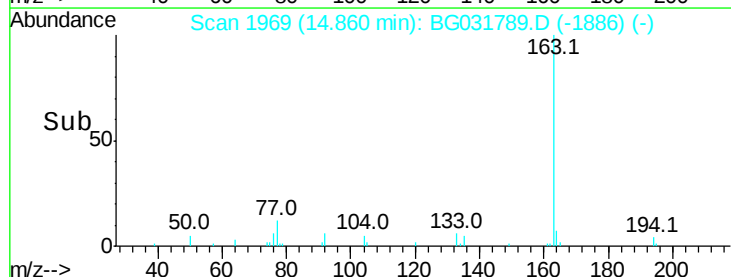
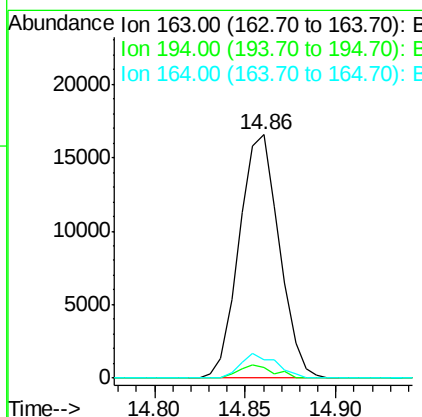
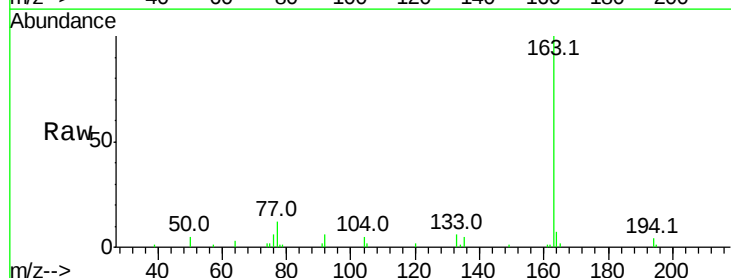
Instrument :
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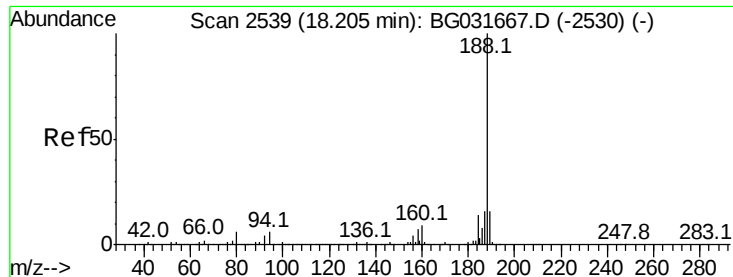
Tot Ion:172 Resp: 832974
Ion Ratio Lower Upper
172 100
171 37.6 30.0 45.0
170 23.3 19.5 29.3



#49
Dimethylphthalate
Concen: 2.226 ng
RT: 14.86 min Scan# 1969
Delta R.T. -0.04 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Tgt Ion:163 Resp: 25363
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 7.3 8.2 12.4#

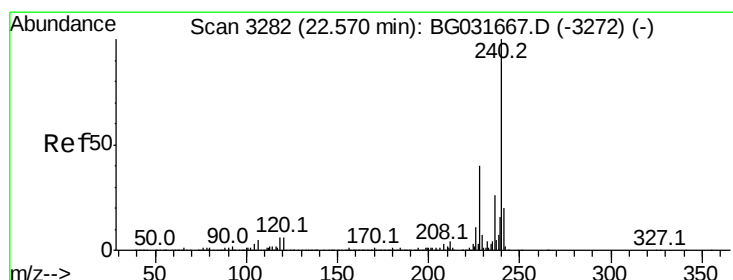
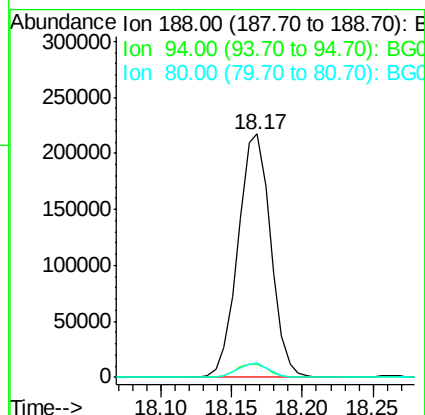
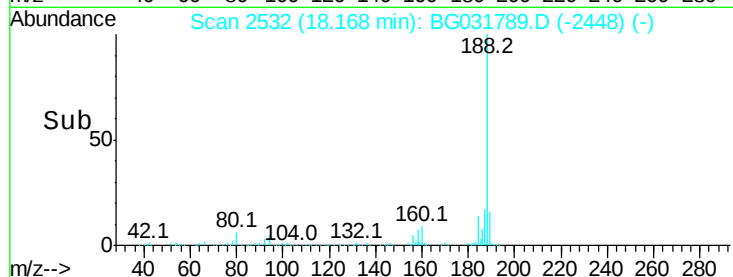
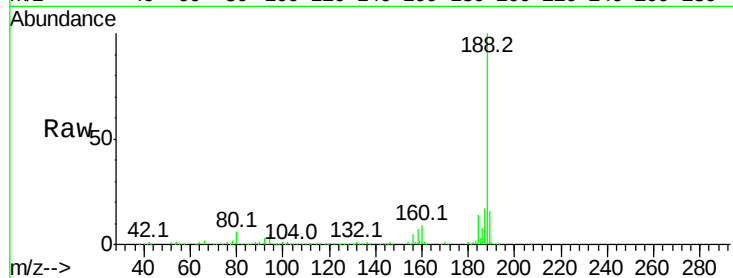




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

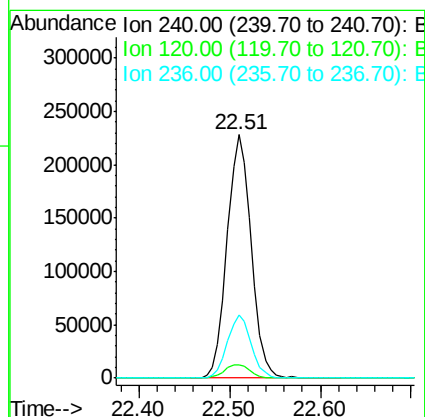
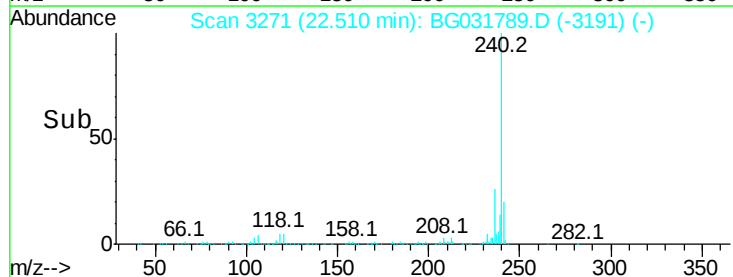
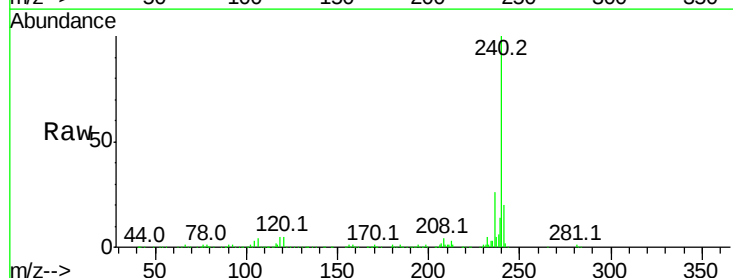
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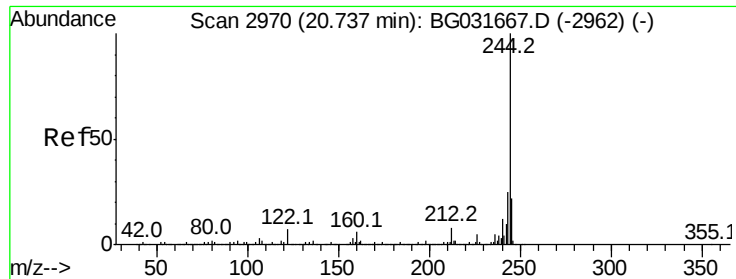
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.9	10.3#
80	6.1	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3271
Delta R.T. -0.06 min
Lab File: BG031789.D
Acq: 27 Dec 2017 9:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.8	10.2#
236	26.1	20.9	31.3





#78

Terphenyl-d14

Concen: 83.708 ng

RT: 20.69 min Scan# 2962

Delta R.T. -0.04 min

Lab File: BG031789.D

Acq: 27 Dec 2017 9:00

Instrument :

BNA_G

ClientSampleId :

121917-TIDO-F-D-B

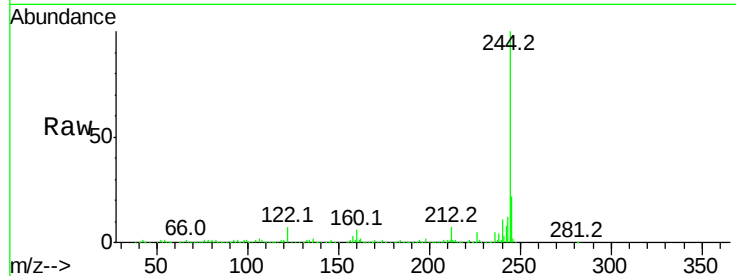
Tot Ion:244 Resp: 1542444

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

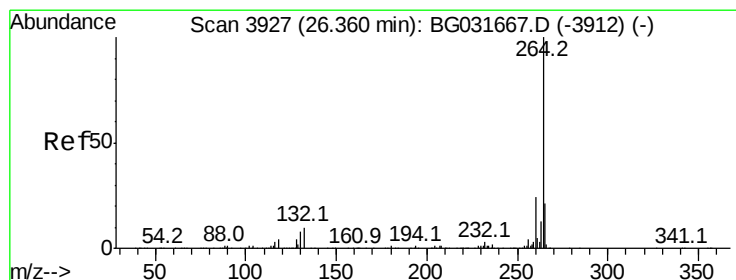
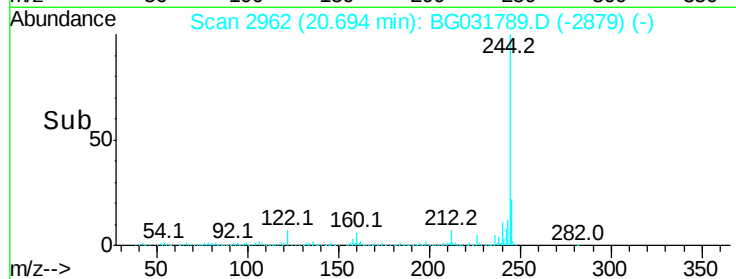
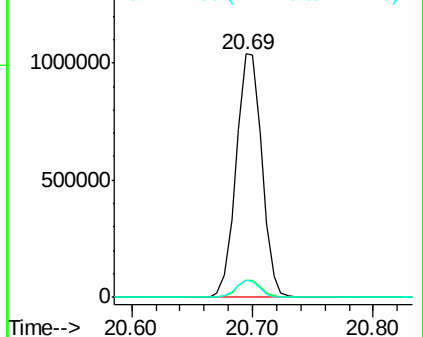
122 7.0 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.26 min Scan# 3909

Delta R.T. -0.10 min

Lab File: BG031789.D

Acq: 27 Dec 2017 9:00

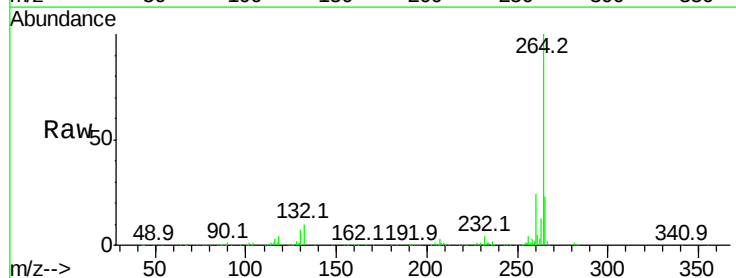
Tgt Ion:264 Resp: 446135

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 22.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

